



GROUP 260



24 Muscht

Patent

Attorney's Docket No. 027500-386

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2011 Examiner: ND OCM
Examiner: ND OCM
80/1300

## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicant wishes to apprise the Examiner of the existence of co-pending applications Serial No. 07/735,805, filed July 25, 1991; No. 07/866,554, filed April 10, 1992; No. 07/857,433, filed March 25, 1992; No. 07/866,865, filed April 10, 1992; No. 07/628,359, filed December 17, 1990; No. 07/739,446, filed August 2, 1991; No. 07/866,555, filed April 10, 1992; No. 07/866,579, filed April 10, 1992; No. 07/868,038, filed April 13, 1992; No. 07/868,335, filed April 13, 1992; and No. 07/761,380, filed September 18, 1991.

Cross reference to the related co-pending application is not intended to waive the right of confidentiality of the subject matter of the co-pending application, and the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the co-pending application under 35 U.S.C. § 122.

In addition, in accordance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicant also submits the following information which may be relevant to the examination of the above-identified application. A copy of each of the documents is enclosed. To assist the Examiner in entering this information into the record, the documents are listed on the enclosed form PTO-1449. It is respectfully requested that an initialled copy of this form be returned to the undersigned attorney.

## Serial No. 07/870,337

U.S. Patents No. 5,091,942; 5,022,049; 5,048,059; 4,901,307; 4,644,560; 4,930,140; 4,984,247; 5,109,390; 5,103,459; 5,056,109; and 5,101,501.

"A Class of Low-Rate Nonlinear Binary Codes", A. Kerdock, Information and Control, Vol. 20, pp. 182-187 (1972);

MacWilliams, F., <u>The Theory of Error-Correcting Codes</u>, <u>Part I and II</u>, New York: North-Holland, 1977, pp. 93-124, 451-465;

"Very Low Rate Convolutional Codes for Maximum Theoretical Performance of Spread-Spectrum Multiple-Access Channels" A. Viterbi, IEEE Journal on Selected Areas in Communications, Vol. 8, No. 4, May 1990; and

Favorable consideration of the pending claims in light of the enclosed information is respectfully solicited.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS

Dated: 💯

By:

Steven S

Registration No. 35,316

The George Mason Building Washington & Prince Streets P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620